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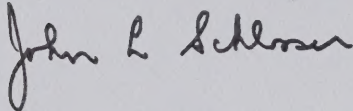


# Governors of The University of Alberta

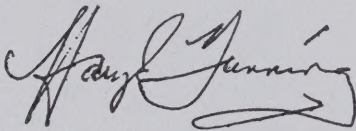
Members of the Board of Governors of The University of Alberta at the close of the University year, 30 June 1978, are listed below. Dates of retirement are given.

Chairman	E. A. Geddes	30 June 1978
Statutory Members	<i>President of the University:</i> H. E. Gunning	31 July 1979
	<i>Chancellor of the University:</i> R. N. Dalby	30 June 1978
Representatives of the Alumni Association	G. Fryett	30 June 1978
	W. Sterling	30 June 1979
Representative of the Senate	J. Forest	3 February 1979
Representatives of the Academic staff	M. Spencer	26 January 1979
	B. L. Evans	30 June 1980
Representatives of the Students' Union	J. Spark, President of the Students' Union	14 March 1978
	H. Hoggins	14 March 1978
Representative of the Graduate Students' Association	J. Talbot	3 May 1978
Other appointed members	P. Savaryn	30 June 1978
	J. L. Schlosser, Chairman designate	30 June 1981
	M. Andrekson	29 February 1980
	E. B. Allan	8 July 1981
	R. G. Reynolds	8 July 1981
	N. A. Lawrence	14 March 1980

Sir, On behalf of the Governors of The University of Alberta, and in accordance with the provisions of *The Universities Act*, we have the honor to transmit the annual report of The University of Alberta for the fiscal year ending 31 March 1978, and the academic year ending 30 June 1978.



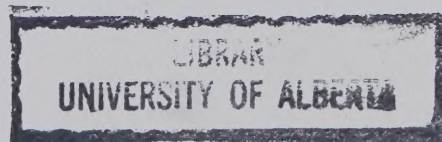
Chairman of the Board of Governors



President

## ***Foreword***

The work of The University of Alberta during the past year is set out on the following pages. The material presented here has been requested by the Minister of Advanced Education and Manpower in accordance with *The Universities Act*. The University follows the practice of the Government of Alberta in ending its financial year on 31 March; however, the academic work of the University is organized according to a year ending 30 June, and the reader may assume that references in this report are to the University year, except where indicated.





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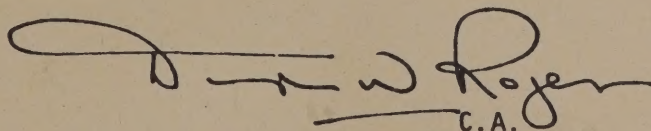


## *Auditor's Report*

To the Board of Governors of  
The University of Alberta

I have examined the balance sheet of The University of Alberta as at March 31, 1978 and the statements of revenue and expense, operating surplus, reserves, capital provided by the Province of Alberta, capital provided by others and trust fund transactions for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, these financial statements present fairly the financial position of the University as at March 31, 1978 and the results of its operations for the year then ended in accordance with the disclosed basis of accounting described in Note 2 to the financial statements applied on a basis consistent with that of the preceding year.

A handwritten signature in black ink, appearing to read "D. W. Royer", with a horizontal line underneath it.

C.A.  
Provincial Auditor

Edmonton, Alberta  
June 30, 1978

# Statement A. Balance sheet as at 31 March 1978

Comparative figures are given as at 31 March 1977

(all figures in thousands of dollars)

## ASSETS

### OPERATING FUNDS

	1978	1977
Current		
Cash	\$ 121	\$ 142
Short-term deposits	26,117	26,319
Accounts receivable (Note 3)	3,039	2,211
Accrued interest	426	379
Inventories	2,168	2,109
Prepaid expenses	156	109
Due from trust funds	<u>2,405</u>	<u>770</u>
Total current assets	34,432	32,039
Other		
Long-term deposits	2,000	2,000
Livestock	<u>91</u>	<u>89</u>
	<u>36,523</u>	<u>34,128</u>

### CAPITAL FUNDS

Loan receivable, Student's Union (Note 6 (i))	3,098	3,170
Fixed assets		
Land, buildings and plant	267,214	257,129
Furnishings and equipment	107,568	98,735
Due from operating funds (Note 7)	<u>11,699</u>	<u>10,894</u>
	<u>389,579</u>	<u>369,928</u>

### TRUST FUNDS

Current		
Cash	178	91
Short-term deposits	11,244	10,740
Grants receivable	1,477	1,411
Loans receivable	211	219
Accrued interest	<u>128</u>	<u>142</u>
Total current assets	13,238	12,603
Investments (Note 4)	<u>22,228</u>	<u>25,627</u>
	\$ <u>35,466</u>	\$ <u>38,230</u>
Total	\$ <u><u>461,568</u></u>	\$ <u><u>442,286</u></u>



## LIABILITIES

## OPERATING FUNDS

	1978	1977
Current		
Bank and Treasury Branch indebtedness	\$ 6,116	\$ 4,544
Accounts payable and accrued liabilities	7,596	7,777
Holdbacks payable	371	450
Accrued interest	445	434
Deferred revenue	474	590
Refundable deposits	99	154
Due to capital funds	<u>11,699</u>	<u>10,894</u>
Total current liabilities	26,800	24,843
Reserves Statement D	7,618	5,757
Operating surplus Statement C	<u>2,105</u>	<u>3,528</u>
	<u>36,523</u>	<u>34,128</u>

## CAPITAL FUNDS

Long-term debt (Note 6)	25,122	25,343
Capital provided by the Province of Alberta, Statement E	288,731	276,588
Capital provided by others, Statement F	<u>75,726</u>	<u>67,997</u>
	<u>389,579</u>	<u>369,928</u>

## TRUST FUNDS

Current		
Due to brokers	-	697
Due to operating funds	<u>2,405</u>	<u>770</u>
Total current liabilities	2,405	1,467
Trusts, Statement G	<u>33,061</u>	<u>36,763</u>
	<u>35,466</u>	<u>38,230</u>
Total	\$ <u>461,568</u>	\$ <u>442,286</u>



**Statement B. Statement of revenue  
and expense for the year ended  
31 March 1978**

**The University of Alberta**

Comparative figures are given as at 31 March 1977  
(all figures in thousands of dollars)

	1978	1977
Revenue		
Government of the Province of Alberta:		
Operating grant	\$ 102,570	\$ 93,586
Less payments to colleges	(47)	(40)
Conditional grants	<u>1,731</u>	<u>810</u>
	104,254	94,356
Government of Canada:		
French language instruction grant	181	122
Conditional grants	262	174
Fees:		
General	11,972	11,930
Special	169	154
Interest, net	918	1,345
Ancillary departments net revenue	350	629
Killam estate, appropriated earnings	350	350
Transfers from trust		
Unallocated interest, dividends	1,500	-
Grants in aid	272	268
Research fund	101	10
General endowment fund interest	3	3
Other revenue	<u>7</u>	<u>6</u>
	<u>120,339</u>	<u>109,347</u>
Expense, net		
Faculties	85,038	76,150
Indirect instructional	942	847
Library	7,859	7,337
Plant maintenance	15,393	14,028
Student services	598	549
Public service departments	1,436	1,282
Administrative departments	<u>8,980</u>	<u>7,832</u>
	<u>120,246</u>	<u>108,025</u>
Operating surplus for the year	\$ <u><u>93</u></u>	\$ <u><u>1,322</u></u>



**Statement C. Statement of  
operating surplus for the year  
ended 31 March 1978**

**The University of Alberta**

*Comparative figures are given as at 31 March 1977  
(all figures in thousands of dollars)*

	1978	1977
Balance at beginning of year:		
As originally reported	\$ 3,528	\$ 3,944
Less adjustment for natural gas rebate disallowed	-	380
As restated	3,528	3,564
Add:		
Surplus for the year, Statement B	93	1,322
Proceeds from disposal of equipment	-	1
Prior year's adjustments	24	(7)
Housing Union Building acquisition costs	9	(26)
	<u>3,654</u>	<u>4,854</u>
Deduct:		
Transfers to reserves, Statement D		
Departmental surplus	891	753
Other	552	472
Garneau properties net revenue transferred to capital provided by others	106	101
	<u>1,549</u>	<u>1,326</u>
Balance at end of year	\$ <u>2,105</u>	\$ <u>3,528</u>



**Statement D. Statement of reserves  
for the year ended 31 March 1978**

(all figures in thousands of dollars)

	Balance at Beginning of Year	Transfers from (to) Operation Departmental Surplus (Deficit)	Other
Ancillary departments: (Note 5(a))			
Operating:			
Art store	\$ 14	\$ (13) (23)*	
Bookstore	197	12 (23)*	
Housing union building	26	(6) (24)*	
Housing and food services (Note 5(d))	(15)	(233) (23)*	\$ 249
Married student housing	32	(23) (24)*	
Parking	227	110 (27)*	
Printing and duplicating services	247	(17) (23)*	
Vehicle pool	18	5 (27)*	
Utilities - electrical	(29)	154 (27)*	
Utilities - steam	(24)	23 (27)*	
Utilities - telephone	-	13 (27)*	
Utilities - water and sewer	41	(18) (27)*	
Utilities - heating plant	330	188 (27)*	
Utilities - physical plant	(78)	52 (27)*	
	<u>986</u>	<u>247</u>	<u>249</u>
Equipment replacement:			
Bookstore	31		
Housing union building	57		
Food services	585		
Housing	396		
Married student housing	309		
Printing and duplicating services	363		
	<u>1,741</u>	<u>-</u>	<u>-</u>
Extraordinary maintenance:			
Utilities - electrical	40		
Utilities - steam	198		
Utilities - water and sewer	(5)		
Utilities - chilled water	88		
Utilities - heating plant	39		
	<u>360</u>	<u>-</u>	<u>-</u>
Faculty and departmental reserves (Note 5(b))	<u>622</u>	<u>-</u>	<u>240</u>
Other: (Note 5(c))			
Conditional grants	515	721	
Equipment replacement, computing services	513		
Federal aid fund	122	-	
Library fund	491		(40)
Provincial laboratories of public health	295	-	
Athletic services - supplementary programs (Note 5(d))	(25)	(77)	103
Workers' compensation	137	-	-
	<u>2,048</u>	<u>644</u>	<u>63</u>
	<u>\$ 5,757</u>	<u>\$ 891</u>	<u>\$ 552</u>



Provision Charged to Operations	Interest	Charges	Inter Unit Transfer	Balance at End of year
	\$ 1			\$ 2
	10			219
	1			21
	(1)			-
	2			11
	11			348
	12		\$ - (73)	169
	-			23
	(1)			124
	(1)			(2)
	-			13
	2			25
	17			535
	(4)			(30)
<u>-</u>	<u>49</u>	<u>-</u>	<u>(73)</u>	<u>1,458</u>
\$ 10	2	\$ (1)		42
132	4	(62)		131
45	29	(34)		625
33	20	(87)		362
32	15	(2)		354
78	18	(97)	73	435
<u>330</u>	<u>88</u>	<u>(283)</u>	<u>73</u>	<u>1,949</u>
8	2			50
-	9			207
50	-			45
25	4	(35)		82
128	2	(19)		150
<u>211</u>	<u>17</u>	<u>(54)</u>	<u>-</u>	<u>534</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>862</u>
40	26			1,236
	6			579
				128
				451
				295
	(1)			-
<u>-</u>	<u>-</u>	<u>(11)</u>	<u>-</u>	<u>126</u>
<u>40</u>	<u>31</u>	<u>(11)</u>	<u>-</u>	<u>2,815</u>
\$ <u>581</u>	\$ <u>185</u>	\$ <u>(348)</u>	\$ <u>-</u>	\$ <u>7,618</u>

Comparative figures are given as at 31 March 1977  
(all figures in thousands of dollars)

	1978	1977
Balance at beginning of year	\$ 276,588	\$ 265,440
Add:		
Funds from the Department of Advanced Education and Manpower:		
Capital grants	11,251	11,636
Matching grants	<u>909</u>	<u>352</u>
	288,748	277,428
Deduct:		
Transfer to capital provided by others, Statement F:		
Miscellaneous grants and donations	17	-
Government of Canada Health Resources Fund contributions	-	579
Buildings demolished	-	3
Capital equipment disposals	<u>-</u>	<u>258</u>
	<u>17</u>	<u>840</u>
Balance at end of year (a)	\$ <u><u>288,731</u></u>	\$ <u><u>276,588</u></u>
(a) Balance at end of year consists of the following:		
Capitalized expenditures	\$ 283,540	\$ 272,568
Capital fund unexpended (Note 7)	<u>5,191</u>	<u>4,020</u>
	\$ <u><u>288,731</u></u>	\$ <u><u>276,588</u></u>



**Statement F. Statement of capital  
provided by others for the year ended  
31 March 1978**

**The University of Alberta**

*Comparative figures are given as at 31 March 1977  
(all figures in thousands of dollars)*

	1978	1977
Balance at beginning of year	\$ 67,997	\$ 62,101
Add:		
Capital assets provided from:		
Operating funds, library books	1,517	1,442
Trust funds	1,520	793
Hospitalization benefits plan for the Provincial Laboratories of Public Health	97	58
Housing Union Building operations	-	254
University Hospital utilities service corridor	2,768	470
Commonwealth Games Foundation	212	-
St. Stephen's College utilities service corridor	45	-
Donation from the Three Alberta Universities Capital Fund (Note 7)	446	773
Garneau properties, net revenue	106	101
Interest	836	1,086
Mortgage principal repayments	149	141
Government of Canada grant for assistance to minority language	4	3
National Research Council grant for purchase of Slowpoke nuclear reactor	-	193
Provincial Cancer Hospitals Board	10	3
Heritage Canada Award	2	-
Transfer from capital provided by Province of Alberta, Statement E:		
Miscellaneous grants and donations	17	-
Government of Canada Health Resources Fund contributions	-	579
Balance at end of year (a)	\$ <u>75,726</u>	\$ <u>67,997</u>

(a) Balance at end of year consists of the following:

Capitalized expenditures	\$ 69,218	\$ 61,123
Capital funds unexpended (Note 7)	<u>6,508</u>	<u>6,874</u>
	\$ <u>75,726</u>	\$ <u>67,997</u>

**Statement G. Trust Funds Transactions  
for the year ended 31 March 1978**

(all figures in thousands of dollars)

	Balance as at Beginning of Year	New Contributions
Killam estate:		
Endowment (Note 10)	\$ 16,142	\$ 20
Expendable	<u>1,129</u>	<u>21</u>
	<u>17,271</u>	<u>41</u>
Other endowments	2,616	115
Research	5,303	17,180
Scholarships	538	665
Faculties and departments	2,358	1,724
Student loan funds	197	3
General purposes	1,517	2,305
Students' union	600	3,694
Held on behalf of others	519	991
Unallocated interest, dividends and capital gains and losses	<u>5,844</u>	<u>          </u>
	\$ <u>36,763</u>	\$ <u>26,718</u>
Comparative figures, 1977	\$ <u>32,898</u>	\$ <u>24,767</u>

- (a) Isolates the net effect of non-revenue and non-expenditure transfers among trust accounts.
- (b) Net of interest allocated to other accounts totalling \$247.
- (c) Net of unrealized gains of \$53 on restatement of the Killam Estate trust investments (Note 2(g)).



Interest and Dividends	Add Gains(Losses) on Investments	Inter-trust Transfers (a)	Deduct Expenditures	Increase (Decrease) for the year	Balance as at End of Year
-	\$ (959)(c)	\$ -	\$ 5,061	\$ (6,000)	\$ 10,142
\$ <u>1,015</u>	<u>-</u>	<u>(17)</u>	<u>868</u>	<u>151</u>	<u>1,280</u>
<u>1,015</u>	<u>(959)</u>	<u>(17)</u>	<u>5,929</u>	<u>(5,849)</u>	<u>11,422</u>
-	-	(28)	9	78	2,694
66	-	(121)	16,006	1,119	6,422
106	-	(100)	794	(123)	415
83	-	-	1,650	157	2,515
9	-	8	1	19	216
216	-	301	2,036	786	2,303
19	-	-	3,703	10	610
23	-	(43)	780	191	710
<u>1,443(b)</u>	<u>(33)</u>	<u>-</u>	<u>1,500</u>	<u>(90)</u>	<u>5,754</u>
\$ <u>2,980</u>	\$ <u>(992)</u>	<u>-</u>	\$ <u>32,408</u>	\$ <u>(3,702)</u>	\$ <u>33,061</u>
\$ <u>2,545</u>	\$ <u>99</u>	\$ <u>-</u>	\$ <u>23,546</u>	\$ <u>3,865</u>	\$ <u>36,763</u>

# Notes to the Financial Statements

31 March 1978

(all figures in thousands of dollars)

## Note 1: Authority

The University of Alberta operates under the authority of The Universities Act, Chapter 378, Revised Statutes of Alberta, 1970.

## Note 2: Summary of Significant Accounting Policies and Reporting Practices

### (a) General

These financial statements have been prepared in accordance with generally accepted accounting principles except for the following:

- No depreciation has been recorded on fixed assets. (Note 2(e))
- Trust fund expenditures are on a cash basis. (Note 2(c))
- Fixed assets funded by equipment replacement reserves are not capitalized. (Note 2(d))
- Certain operating and trust fund expenditures are capitalized. (Note 2(d))
- Killam Estate trust investments on hand at August 31, 1977 are stated at market value. (Notes 2(g), 10)
- Payments of principal on long-term debt are charged to operations of ancillary departments. (Note 2(h))

### (b) Fund Accounting

The accounts of the University are maintained in accordance with principles of fund accounting, a procedure by which resources for various purposes are classified for accounting and reporting purposes in relation to specified activities or objectives.

For financial reporting purposes, accounts with similar characteristics have been combined into the following major fund groupings:

- Operating funds
- Capital funds
- Trust funds

### (c) Accounting for Accruals

The University generally follows the accrual basis of accounting. Certain exceptions have been adopted and are detailed as follows:

- (i) Student fees for the Winter Session which apply to April and May are not treated as deferred revenues but are recorded as revenues of the fiscal year ended March 31st.



(ii) The costs of certain term appointments extending into April and May are accounted for as salaries payable and expenses of the fiscal year ended March 31st.

(iii) Trust fund expenditures are on a cash basis.

(d) Fixed Assets

Land, buildings and plant, including buildings under construction are recorded at cost. Furnishings and equipment are recorded at cost less proceeds of disposal. Fixed assets funded by equipment replacement reserves are not capitalized.

Furnishings and equipment includes the cost of library books purchased from operating funds and equipment purchased from Trust funds.

(e) Depreciation

In accordance with the accepted practice of most Canadian universities, no charge is made in the accounts for depreciation of fixed assets.

(f) Inventories

Inventories of merchandise and supplies are valued at the lower of cost or net realizable value.

(g) Investments

Investments are recorded at cost or amortized cost where applicable. Amortization of premium or discount is calculated on a straightline basis from acquisition date to maturity date.

Gains or losses on sales of investments, including any unamortized premium or discount, are recognized in the year of disposal, therefore no provision has been made to write down investments to recognize any declines in market value.

As an exception to the foregoing, the Killam Estate Trust investments were restated to market value as at August 31, 1977, thus recording a net unrealized gain. Subsequent purchases have been recorded at cost.

(h) Ancillary Departments

Ancillary departments provide goods and services to the university community and are expected to operate on a break-even basis. These departments are assessed most overhead costs associated with their operations such as payments of principal and interest on all long-term debts and provisions for equipment replacement or extraordinary maintenance reserves.

Note 3: Accounts Receivable

Accounts receivable consist of the following:

	1978	1977
Province of Alberta	\$ 834	\$ 1,077
Government of Canada	504	54
Sundry debtors, less allowance for doubtful accounts	<u>1,701</u>	<u>1,080</u>
	<u>\$ 3,039</u>	<u>\$ 2,211</u>

Note 4: Investments

Investments are summarized as follows:

	1978		1977	
	<u>Cost(a)</u>	<u>Market Value</u>	<u>Cost</u>	<u>Market Value</u>
Marketable securities:				
Government of Canada bonds, direct and guaranteed	\$ 41	\$ 40	\$ 37	\$ 37
Provincial debentures, direct and guaranteed	70	61	71	63
Municipal debentures	-	-	6	6
Corporation debentures	15	17	31	30
Convertible corporation debentures	2,161	2,121	5,635	4,826
Preferred shares	27	17	27	15
Convertible preferred shares	928	946	985	936
Common shares	<u>13,464</u>	<u>13,393</u>	<u>14,503</u>	<u>12,508</u>
	<u>16,706</u>	<u>\$ 16,595</u>	<u>21,295</u>	<u>\$ 18,421</u>
Mortgages (not publicly traded):				
Mortgages receivable	30		33	
Mortgage advances	<u>3,606</u>		<u>2,936</u>	
	<u>3,636</u>		<u>2,969</u>	
Real estate (b)	<u>1,886</u>		<u>1,363</u>	
	<u>\$ 22,228</u>		<u>\$ 25,627</u>	

(a) Certain Killam estate trust investments are recorded at market value, as is further explained in Notes 10 and 2(g).

(b) Current real estate conditions indicate that the appreciation of properties has maintained asset valuation at an amount in excess of cost.



Note 5: Reserves

(a) Ancillary Departments

Operating:

Represents the accumulated surplus or deficit on operations of ancillary departments.

Equipment Replacement:

Represents balances reserved for replacement of furnishings and equipment.

Extraordinary Maintenance:

Created to provide funds for major repair and maintenance costs of a non-periodic nature.

(b) Faculty and Departmental

Represents funds reserved under a flexible expenditure program which permits, within stated limits, the carryover to subsequent years of certain unexpended and all overexpended departmental funds.

(c) Other

Conditional Grants:

Represents the balance of unexpended conditional grants received from the Province of Alberta and the Government of Canada.

Equipment Replacement, Computing Services:

Represents funds reserved for anticipated major replacement of computer hardware.

Federal Aid Fund:

Represents the balance of unexpended general funding grants received from the Government of Canada.

Library Fund:

Represents the net over or under expenditure of the library book budget.

Provincial Laboratories of Public Health:

Represents the net surplus on operations accumulated by the Provincial Laboratories of Public Health up to and including 1968.

Workers' Compensation:

Represents funds reserved for payment of costs associated with accidents which occurred prior to December 31, 1975, during which time the university maintained a self insurance program.

(d) Other Transfers to Operating Surplus

Represents the transfer of extraordinary departmental deficits arising in Housing and Food Services and in Athletic Services Supplementary Programs during the year.

Note 6: Long-Term Debt

Long-term debt is summarized as follows:

<u>Maturity Date</u>	<u>Rate of Interest</u>	<u>Original Advance</u>	<u>Amount Outstanding</u>	
			<u>1978</u>	<u>1977</u>
Long-term notes:				
(a) July 1, 2000	6 1/2%	\$ 1,200	\$ 1,082	\$ 1,102
(b) July 1, 2001	7 1/2	1,250	1,162	1,180
Mortgages payable:				
(c) June 1, 1978	9	5,521	5,381	5,415
(d) July 1, 2014	5 1/8	3,300	3,015	3,043
(e) April 1, 2018	5 7/8	4,500	4,296	4,322
(f) November 1, 2018	6 1/4	2,250	2,166	2,177
(g) September 1, 2023	7 1/2	3,987	3,950	3,960
(h) April 1, 2011	10 3/8	475	472	474
Debenture payable, Province of Alberta:				
(i) June 30, 1999	5 1/2	3,625	3,098	3,170
Advance from Provincial Treasurer (j)				
		500	<u>500</u>	<u>500</u>
			<u>\$ 25,122</u>	<u>\$ 25,343</u>

- (a) Long-term note to finance construction of Stadium Car Park. Annual payments of principal and interest are adjusted to reflect the difference between the current Consumer Price Index, as published by Statistics Canada, and the index at the time of the original advance.



- (b) Long-term note to finance construction of Windsor Car Park. Annual payments of principal and interest are adjusted to reflect the difference between the current consumer Price Index, as published by Statistics Canada, and the index at the time of the original advance.
- (c) Mortgage to finance construction of Housing Union Building, repayable on June 1, 1978 and being refinanced on the basis of a 30-year term at 9 3/4% repayable in monthly instalments of principal and interest.
- (d) Mortgage to finance construction of food services building and student residences, repayable in monthly instalments of principal and interest, guaranteed by the Province of Alberta.
- (e) Mortgage to finance construction of married student housing, phase I, repayable in monthly instalments of principal and interest.
- (f) Mortgage to finance construction of a student residence, repayable in monthly instalments of principal and interest.
- (g) Mortgage to finance construction of married student housing, phase II, repayable in monthly instalments of principal and interest.
- (h) Mortgage to finance renovations of Pembina Hall Residence, repayable in annual instalments of principal and interest.
- (i) University of Alberta debenture to finance construction of the Students' Union Building, repayable in annual instalments of principal and interest. Annual principal and interest payments are recovered from the Students' Union.
- (j) Advance to finance construction of student residences and food services building. No interest rate or terms of repayment have been specified.

Anticipated requirements to meet long-term debt repayments during the next five years are as follows:

<u>Year</u>	<u>Long-term Notes</u>	<u>Mortgages Payable</u>	<u>Total</u>
1979	\$ 40	\$ 120	\$ 160
1980	43	128	171
1981	46	137	183
1982	49	147	196
1983	53	157	210

Principal due within one year is not reflected as a current liability.

Note 7: Capital Funds Unexpended

Capital funds unexpended are detailed as follows:

	<u>1978</u>	<u>1977</u>
Provided by the Province of Alberta		
Capital grants	\$ 2,555	\$ 1,740
Matching grants	969	762
Works of art	3	52
Departmental capital equipment reserve (a)	<u>1,664</u>	<u>1,466</u>
	<u>5,191</u>	<u>4,020</u>
Provided by Others:		
Interest, net (b)	3,144	3,362
Three Alberta Universities Capital Fund (c)	2,513	2,559
Garneau Properties Reserve (d)	423	374
Land Exchange Reserve (e)	423	403
Ellerslie Farm Trust	3	3
Donations, sundry	<u>2</u>	<u>173</u>
	<u>6,508</u>	<u>6,874</u>
Due from operating funds	\$ <u>11,699</u>	\$ <u>10,894</u>

(a) Represents funds reserved under a flexible expenditure program which permits, within stated limits the carryover to subsequent years of certain unexpended and all overexpended departmental capital equipment funds.

(b) Represents interest earned by investing unexpended capital funds, net of the amounts distributed to certain capital reserves.

(c) Represents donations from the Three Alberta Universities Capital Fund which are matched by the Province of Alberta.

An amount of \$781 is eligible for matching by the Province of Alberta at March 31, 1978.

(d) Represents the accumulated surplus of operations of the Garneau District rental properties and is maintained to provide funds for the renovation costs of these properties.

(e) Represents proceeds from land sales and is maintained to provide funds for possible future land acquisitions.



Note 8: Contingent Liability

The University has a contingent liability of approximately \$814 with respect to endorsements given to secure bank loans to assist permanent full-time employees in purchasing homes.

At March 31, 1978 the University was named as defendant in various legal actions. No provision has been made in the accounts for direct or contingent liabilities arising from such litigation. It is not expected that these liabilities will exceed \$300.

Note 9: Anti-Inflation Program

Pursuant to an agreement dated February 18, 1976 between the Government of the Province of Alberta and the Government of Canada, the University was subject to controls on compensation paid to its employees as specified in the Anti-Inflation Act.

Note 10: Killam Estate Trust

Pursuant to an agreement between the Boards of Governors of The Universities of Alberta and Calgary, the Killam estate investments were adjusted to August 31, 1977 market values. \$5,061, representing one-third of the adjusted Killam estate endowment was transferred to The University of Calgary.

Note 11: Management Advisory Institute and Chembiomed Ltd.

Shares of these companies, wholly owned by the University, are recorded at cost, and all of the companies' financial transactions are reflected in the Statement of Trust Fund Transactions, Statement G. The companies' operations, which are not material, have not been included in the operating accounts of the University.

Note 12: Comparative Figures

The 1977 comparative figures have been restated where necessary to conform to 1978 presentation.

The foregoing Statements are included in the Public Accounts of the Province of Alberta and are covered by the certificate of the Provincial Auditor which precedes the Balance Sheet.





**Table 1. Comparative statement of operating expenditures**

**The University of Alberta**

<i>Items of expenditures</i>	<i>1977-78</i>	<i>1976-77</i>	<i>1975-76</i>	<i>1974-75</i>	<i>1973-74</i>
Faculties	\$85,037,454	\$76,088,863	\$66,871,589	\$56,872,910	\$51,235,470
Indirect instructional	942,318	939,776	666,981	573,990	768,268
Library	7,859,099	7,336,651	6,544,826	5,380,394	4,802,298
Plant maintenance	15,392,906	14,028,341	11,589,545	8,944,037	7,776,522
Student services	598,316	549,534	568,683	598,479	573,558
Administration	8,980,343	7,832,003	6,984,156	5,830,629	5,071,406
Public service	1,435,657	1,250,546	1,149,263	1,015,976	864,390
Operating departments	(349,492)	(629,069)	(119,848)	150,236	(407,947)
Total	<u>\$119,896,644</u>	<u>\$107,396,645</u>	<u>\$94,255,195</u>	<u>\$79,366,651</u>	<u>\$70,683,965</u>
Total expenditures per full-time student	\$ 6,151	\$ 5,365	\$ 4,776	\$ 4,143	\$ 3,813

**Table 2A. Capital receipts, expenditures, and unexpended funds for the year ended 31 March 1978**

	Unexpended as at 31 March 1977	Receipts		
		Grants and Donations	Interest	Total
Capital provided by the Province of Alberta, Statement E				
Province of Alberta	\$ 3,206,514	\$11,242,800		\$11,242,800
Province of Alberta matching grant	761,652	909,161		909,161
Province of Alberta works of art	51,626	8,500		8,500
	<u>4,019,792</u>	<u>12,160,461</u>		<u>12,160,461</u>
Capital provided by others, Statement F				
Operating funds		1,516,812		1,516,812
Trust and research funds		1,520,026		1,520,026
Hospitalization benefits plan for the provincial laboratories of public health		96,935		96,935
University hospital utilities		2,767,584		2,767,584
Commonwealth games foundation		212,277		212,277
Saint Stephen's College — utilities		44,900		44,900
Reserves:				
Garneau properties	374,365	106,524	\$ 18,718	125,242
Land exchange	403,097		20,159	20,159
Other:				
Three Alberta Universities capital fund (see note below)	2,558,455	446,119	95,096(a)	541,215
Interest, net	3,362,324		701,569	701,569
Ellerslie farm trust	2,879			
Donations, sundry	173,343	16,016		16,016
	<u>6,874,463</u>	<u>6,727,193</u>	<u>835,542</u>	<u>7,562,735</u>
Total	<u>\$10,894,255</u>	<u>\$18,887,654</u>	<u>\$ 835,542</u>	<u>\$19,723,196</u>

Note (a):

Net after \$26,000 administrative charge by the Fund Development Office.



Total funds available	Expenditures				Unexpended as at 31 March 1978
	Land, buildings and plant expenditures	Furnishings & equipment net expenditures	Total	Inter fund transfers	
\$14,449,314	\$ (5,008,251)	\$(5,202,284)	\$(10,210,535)	\$ (18,915)	\$ 4,219,864
1,670,813	(582,910)	(118,445)	(701,355)	(655)	968,803
60,126		(59,518)	(59,518)	2,000	2,608
<u>16,180,253</u>	<u>(5,591,161)</u>	<u>(5,380,247)</u>	<u>(10,971,408)</u>	<u>(17,570)</u>	<u>5,191,275</u>
1,516,812	(73,000)	(1,443,812)	(1,516,812)		
1,520,026	(12,669)	(1,507,357)	(1,520,026)		
96,935		(96,935)	(96,935)		
2,767,584	(2,767,584)		(2,767,584)		
212,277	(148,414)	(63,863)	(212,277)		
44,900	(44,900)		(44,900)		
499,607	(77,018)		(77,018)		422,589
423,256					423,256
3,099,670	(528,476)	(326,974)	(855,450)	269,153	2,513,373
4,063,893	(689,607)		(689,607)	(230,094)	3,144,192
2,879					2,879
189,359	(151,854)	(14,016)	(165,870)	(21,489)	2,000
<u>14,437,198</u>	<u>(4,493,522)</u>	<u>(3,452,957)</u>	<u>(7,946,479)</u>	<u>17,570</u>	<u>6,508,289</u>
<u>\$30,617,451</u>	<u>\$(10,084,683)</u>	<u>\$(8,833,204)</u>	<u>\$(18,917,887)</u>		<u>\$11,699,564</u>

**Table 2B. Capital Expenditures  
for the year ended 31 March 1978**

Land and Buildings (main campus)	Expenditures	Expenditures by Source of Funds		
		Province of Alberta	Other Sources	
			Amount	Source
Administration	\$ 90,320	\$ 90,320		
Agriculture	134,160	92,488	\$ 41,672	Capital interest
Art Gallery	7,650	7,650		
Art Workshop	181	181		
Arts	839,380	410,574	428,806	3AU funds
Athabasca Hall	497,191	337,603	159,588	Capital interest
Biological Sciences Centre	228,116	197,312	30,804	Capital interest
Biosciences Animal Centre	6,129	6,129		
Cameron Library	46,645	46,645		
Central Academic Building	19,890	19,890		
Chemistry	74,143	74,143		
Clinical Sciences	118,361	117,891	470	3AU funds
Corbett Hall	38,920	38,920		
Dentistry-Pharmacy Centre	495,223	495,223		
Education Centre	54,914	54,914		
Engineering-Chemical and Mineral	36,736	36,736		
Engineering-Civil and Electrical	62,337	62,337		
Engineering-Mechanical	11,302	11,302		
Faculty Houses	4,143	4,143		
Fine Arts Centre	16,853	16,853		
General Services	126,694	126,694		
Graduate Student Centre	93,059		80,390	Capital interest
			12,669	Trust funds
Grounds Improvements	523,250	416,477	106,773	Capital interest
Henry Marshall Tory Building	30,385	30,385		
Home Economics	44,903	44,903		
Housing and Food Services:				
Henday Hall	5,130	5,130		
Housing Union Building	6,398	6,398		
Michener Park — Galbraith House and maisonettes	18,434	18,434		
Lister Hall	20,382	20,382		
Pembina Hall	1,707	1,707		
Humanities Centre	1,890	1,890		
Hydraulics Laboratory	1,097	1,097		
Law Centre	11,411	11,411		
Medical Sciences	32,251	32,251		
Nuclear Research Centre	35	35		
Physical Education and Recreation	52,251	(96,163)	148,414	Commonwealth Games
Physics-Chemistry	31,150	31,150		Foundation
Printing Services	108,935	35,935	73,000	Operating reserves
Rutherford Library-North	2,882	2,882		
Rutherford Library-South	6,680	6,680		
Security	2,215	2,215		
Slowpoke Reactor	167,995	16,141	151,854	Donations — sundry
South Laboratory	2,748	2,748		
Students' Union Building	40,643	37,443	3,200	3AU funds
Sundry Buildings	598	598		
Temporary Laboratory	115,171	115,171		
University Hall	82,277	82,277		
	<u>4,313,165</u>	<u>3,075,525</u>	<u>1,237,640</u>	

	Expenditures	Expenditures by Source of Funds		
		Province of Alberta	Other Sources	
			Amount	Source
Land and Buildings (off campus)				
Faculte Saint-Jean:				
Residence	\$ 3,222	\$ 3,222		
Administration	31,291	31,291		
Devonian Botanic Gardens	266,429	170,429	\$ 96,000	3AU funds
Ellerslie farm buildings	68,864	68,864		
Garneau property	77,018		77,018	Garneau properties reserve
Kootenay Plains field station	124		124	Capital interest
Lac Ste-Anne wet lab	1,976	1,976		
Toxic waste disposal, Ellerslie	4,231	4,231		
Edmonton research station farm buildings	33,206	33,206		
Vehicle pool repair garage, Ellerslie	7,395	7,395		
	<u>493,756</u>	<u>320,614</u>	<u>173,142</u>	
Utilities				
Central cooling plant	3,396	3,396		
Central monitoring	836,825	836,825		
Chilled water refrigerator equipment	41,119	41,119		
Fire and safety equipment	75,666	75,666		
Heating plant	4,801	4,801		
Services Building	27,877	27,877		
Sewer and water mains	33,695	33,695		
Steam lines	35,206	35,206		
Steam generation plant	290,760	290,760		
Utility systems	223,128	223,128		
Utilities services corridor	487,571	373,791	113,780	Capital interest
Utilities services corridor— University Hospital	2,718,180	(49,404)	2,767,584	University hospital
Utilities services corridor— Saint Stephen's College	44,900		44,900	
	<u>4,823,124</u>	<u>1,896,860</u>	<u>2,926,264</u>	
Other				
Energy conservation program	288,459	288,459		
Planning:				
Business Administration and Commerce	159,201	9,201	150,000	Capital interest
Tennis courts - Lister Hall	140	140		
Coal mining research institute building	362	362		
University area traffic study	6,476		6,476	Capital interest
	<u>454,638</u>	<u>298,162</u>	<u>156,476</u>	
Total land and buildings	<u>\$10,084,683</u>	<u>\$ 5,591,161</u>	<u>\$4,493,522</u>	
Furnishings and Equipment:				
Furnishings	519,486	519,486		
Equipment	5,265,614	4,860,761	63,863	Commonwealth Games Foundation
			14,016	Donations — sundry
			326,974	3AU funds
Equipment from trust funds	1,507,357		1,507,357	Research grants
Equipment from Provincial Laboratories	96,935		96,935	Provincial Laboratories of Public Health
Books from Operating Funds	1,443,812		1,443,812	Operating funds
Total furnishings and equipment	<u>\$ 8,833,204</u>	<u>\$ 5,380,247</u>	<u>\$3,452,957</u>	
Total Expenditures	<u>\$18,917,887</u>	<u>\$10,971,408</u>	<u>\$7,946,479</u>	



**Table 3. Ten year comparative statement of transactions on capital account**

<i>Financial year</i>	<i>Expenditures</i>	<i>Expenditures by Source of Funds</i>			
		<i>Alberta Universities Commission</i>	<i>Province of Alberta grants</i>	<i>Loans</i>	<i>Other sources</i>
1968-69	\$ 25,911,127	\$21,875,443	\$ 278,869	\$ 1,502,062	\$ 2,254,753
1969-70	20,040,777	15,997,099	40	1,185,130	2,858,508
1970-71	21,457,086	17,398,342		1,031,500	3,027,244
1971-72	24,649,349	18,075,247		322,710	6,251,392
1972-73	27,728,341	17,083,381		8,049,392	2,595,568
1973-74	13,728,215		8,912,842	1,461,823	3,353,550
1974-75	13,352,888		10,535,307		2,817,581
1975-76	19,395,529		14,244,178		5,151,351
1976-77	20,238,123		16,186,772		4,051,351
1977-78	18,917,887		10,988,978(b)		7,928,909(c)
	<u>\$205,419,322</u>	<u>\$90,429,512</u>	<u>\$61,146,986</u>	<u>\$13,552,617</u>	<u>\$40,290,207</u>

**Fixed assets, as at 31 March 1978**

Land, buildings, and plant	\$267,213,510
Furnishings and equipment	<u>107,568,167</u>
Total	<u>\$374,781,677</u>

(a) These figures do not include unexpended funds.

(b) Includes \$702,010 expended from the Province of Alberta Matching Grants and \$57,518 expended from the Province of Alberta Works of Art.

(c) Includes \$586,297 expended from the Three Alberta Universities Capital Fund.

	1977-78	1976-77
<b>Amount of building space (a)</b>		
Assignable:		
In square metres		
Non-residential		
Owned	339,633	339,633
Rented	2,636	2,636
Total non-residential	342,269	342,269
Residential and other	96,251(b)	101,538
Total square metres	438,520	443,807
In square metres per full-time daytime student		
Non-residential		
Owned	17.4	17.0
Rented	0.2	0.1
Total non-residential	17.6	17.1
Residential and others	4.9	5.1
Total square metres per student	22.5	22.2
Gross space:		
In square metres		
Non-residential		
Owned	582,210(c)	582,210
Rented	3,391	3,391
Total non-residential	585,601	585,601
Residential and other	158,097(b)	166,231
Total square metres	743,698	751,832
In square metres per full-time daytime student		
Non-residential		
Owned	29.9	29.1
Rented	0.2	0.2
Total non-residential	30.1	29.3
Residential and other	8.1	8.3
Total square metres per student	38.2	37.6
<b>University acreage</b>		
Land owned in Edmonton		
Main campus	200.00(d)	152.29
Garneau addition	27.00	39.00
Michener Park	41.88	41.88
University Farm	648.93	804.75
Faculte Saint Jean	15.36	15.36
Land outside Edmonton (used mainly for agricultural research)		
Owned by the University	581.04	475.67
Leased by the University	8,285.06	7,066.50
Total acreage	9,799.27	8,595.45

(a) Areas are not included for houses occupied by students in Garneau. Faculte Saint-Jean space is included as an on-campus facility.

(b) Research Station space was reviewed in 1977-78 using existing figures. Areas for Research Station residences and open sheds were not included in the figures shown. All Research Station space will be physically resurveyed in 1978-79 to obtain more accurate areas.

(c) The agreed on total non-residential "Permanent Inventory" is 516,987 square metres.

(d) A land title search is in progress at time of publication. The figure shown approximates the revised total acreage expected for the main campus.

**Table 5. Source of special trust funds for research for the year ended 31 March 1978**

(with comparative figures)

	Total 1978	Total 1977
Government of Canada departments and agencies:		
Agriculture	\$ 342,983	\$ 230,822
Atomic Energy Control Board	42,259	192,354
Canada Council	200,976	182,439
Communications	39,207	
Defence Research Board		56,392
Energy, Mines and Resources	89,993	113,568
Environment	89,550	221,440
Health and Welfare	200,182	217,209
Indian and Northern Affairs	267,710	251,264
Medical Research Council	3,267,696	2,337,659
National Defense	75,769	50,000
National Research Council	6,093,031	5,179,639
Secretary of State	32,532	148,903
Solicitor General	20,601	
Statistics Canada	22,274	12,225
Urban Affairs	2,510	12,354
Other	9,456	19,953
Total	<u>\$10,796,729</u>	<u>\$ 9,226,221</u>
Government of Alberta departments and agencies:		
Advanced Education and Manpower	214,661	199,530
Agriculture	516,853	741,333
Alberta Mental Health Research Fund	18,000	168,341
Alberta Oil Sands Environmental Research Program	24,781	
Alberta Oil Sands Technology and Research Authority	282,355	
Attorney General	69,989	54,243
Culture	38,230	44,900
Education	53,399	28,068
Energy and Natural Resources	29,000	10,452
Environment	654,104	723,295
Forest Development Research Trust	105,980	61,351
Provincial Cancer Hospital Board	45,467	19,924
Recreation, Parks, and Wildlife	79,420	53,284
Research Council of Alberta	54,850	
Social Services and Community Health	227,338	78,186
University of Alberta Hospital	28,279	
Other	18,806	27,082
Total	<u>2,461,512</u>	<u>2,209,989</u>
Municipalities, schools and counties	65,658	34,276
United States Government	67,795	31,444
Other governments or governmental agencies	32,477	108,555
Total funds from Governments	<u>13,424,171</u>	<u>11,610,485</u>
Associations, foundations, institutes, etc:		
Alberta Cattle Commission	12,827	27,934
Alberta Dairymen's Association	13,000	14,500
Alberta Civic Employees' Welfare Chest Fund		35,000
Alberta Hail and Crop Insurance Association	20,000	
Alberta Heart Foundation	210,750	198,711
Alberta Hog Producers Marketing Board	12,500	25,696
Hospital for Sick Children Foundation		26,926
Alberta Law Foundation	484,900	370,951
Alberta Lung Association	65,965	15,150
Alberta Masonry Institute	10,000	
Medical Services Research Foundation		40,900
Alberta Potato Commission	4,500	
Alberta Wheat Pool	17,333	



	<i>Total 1978</i>	<i>Total 1977</i>
Animal Welfare Foundation	5,000	
Baker Foundation	6,500	
Brewing and Malting Barley Research Institute	13,000	
Canadian Arthritis and Rheumatism Society	70,445	50,200
Canadian Cystic Fibrosis Foundation	62,609	36,488
Canadian Diabetic Association	23,250	
Canadian Heart Fund	13,200	
Canadian Natural Gas Processors Association	24,610	32,280
Canadian Steel Industries Construction Council	11,563	14,785
Donner Canadian Foundation	50,000	75,000
Kidney Foundation	16,522	
McLaughlin Foundation	36,000	
Medical Services Research Foundation	88,444	
Multiple Sclerosis Society of Canada	51,378	40,944
Muscular Dystrophy Association of Canada	81,300	61,948
Muttart Foundation	5,000	21,000
National Cancer Institute of Canada	1,165,635	1,038,040
Rapeseed Association of Canada	103,574	84,881
Surgical-Medical Research Institute	31,975	
Tri-University Meson Facility (TRIUMF)	354,266	424,778
United States Associations, etc.	110,618	61,578
Westun Co-operative Fertilizers Limited	7,000	
Other	32,984	99,674
<b>Total</b>	<b>3,216,648</b>	<b>2,797,364</b>
<b>Business and Industry:</b>		
Canada	267,008	215,728
United States	29,807	6,731
<b>Total</b>	<b>296,815</b>	<b>222,459</b>
<b>The University of Alberta Operating Budget</b>		
Direct appropriations for specific projects	252,994	221,130
Individuals	80,240	28,769
Other		30,552
<b>Total</b>	<b>\$17,270,868</b>	<b>\$14,910,759</b>

**Table 6. Statement of tuition  
and other student fees, 1977-78**

**Winter Session (full-time students only)**

**Undergraduate programs:**

**General fees:**

Students' Union (except as noted below)	\$34.50 per session
Students' Union: full-time students in Dentistry, Education (B.Ed. after degree and Diploma programs), Law and Medicine (M.D. and B.Sc. in Medicine programs)	\$26.50 per session
University Athletic Board	\$16.00 per session
University Health Service	\$10.00 per session

**Instructional fees:**

Agriculture and Forestry, Arts, Business Administration and Commerce, Dental Hygiene, Education, Home Economics, Law, Library Science, Medical Laboratory Science (first, second, fourth years), B.Sc. in Medicine, Nursing, Pharmacy and Pharmaceutical Sciences, Physical Education, Rehabilitation Medicine, Science	\$500 per session
Engineering	\$625 per session
Dentistry, Medicine (M.D. program only)	\$750 per session
B.Sc. in Medical Laboratory Science (3rd year only)	\$250 per session
Nursing (certificate course in Advanced Obstetrics)	\$185 per session

**Graduate programs:**

**General fees:**

Registration	\$10 per session
Graduate Students' Association—Full-time	\$25 per session
Students' Union, full membership	\$26 per session
Building debt amortization	\$6 per session
University Athletic Board	\$16 per session
Re-admission fee (where appropriate)	\$60 per session

**Instructional fees (Total fee for program period):**

Ph.D. or Ed.D. (2 years after masters)	\$1,250
Ph.D. or Ed.D. (3 years after honors bachelor)	\$1,875
Masters (1 year after 4-year bachelor)	\$625
Masters (after 4-year bachelor—changing field or specializing for first time)	\$935
Qualifying year (1 year after 3-year bachelor)	\$625
Subsequent years for all doctoral and masters candidates	\$50

**Summer Session and Spring Session students, Winter Session part-time students**

**Undergraduate programs:**

Instruction—all faculties (except as noted below)	
per course	\$170
Instruction—Engineering per course	\$210
Instruction—Dentistry and Medicine (M.D. program only) per course	\$250
Students' Union	\$8

**Graduate programs:**

Instruction—per course	\$210
Registration	\$10
Thesis only	\$50
Graduate Students' Association—Part-time	\$15 per session

**Evening Credit program**

**Undergraduate programs:**

Instruction—Arts, Business Administration and Commerce, Education, Nursing, Science, per course	\$170
---	-------

**Graduate programs:**

Instruction—per course	\$210
Registration	\$10
Thesis only	\$50

**Special fees**

Application fee	\$12
Late payment of fees	\$15
Examinations (each subject)	
Deferred Final	\$6
Special Deferred Final	\$50
Supplemental	\$12
Special Supplemental	\$50
Examination at outside centre	\$15
Re-appraisal of marks	\$10
Transcript of Record, first 10 copies free, \$5.00 per copy plus 50 cents for other copies ordered at the same time	
Indexing and microfilming of doctoral thesis, National Library of Canada	\$5
Auditing	
Full course	\$60
Half course	\$30
Vise Fee (Non-Admission Evaluation)	\$15
Course Credit by Special Assessment	\$50

**Table 7. Student aid provided by the University**

*The University of Alberta*

*Amounts paid to students through the University operating budget*

1977-78

1976-77

As grants, scholarships, bursaries,  
remission of fees, etc.

\$ 334,891

\$ 326,024

For services performed:

To graduate teaching assistants \$ 3,421,194

\$ 3,403,641

To graduate research or graduate service assistants 1,820,193

1,649,492

Other 795,902

791,941

6,037,289

5,845,074

Total financial assistance

\$ 6,372,180

\$ 6,171,098

*In addition to the amounts shown above, other scholarships, bursaries, grants, prizes, and awards are provided from special trust funds.*



**Table 8. Enrolment of full-time students, Winter Session 1977-78**

Program	First Year			Second year	Third year	Fourth year
	Fresh- men (a)	Other	Total			
<b>Undergraduate</b>						
Agriculture and Forestry	157	21	178	187	190	216
Arts	772	153	925	791	788	260
Business Administration and Commerce	218	43	261	353	443	476
Faculte Saint-Jean	65	12	77	40	34	16
Dental Hygiene	33	6	39	34		
Dentistry						
Education	553	67	620	813	1,163	1,047
Engineering	408	65	473	395	374	378
Home Economics	88	7	95	85	81	90
Law						
Medical Laboratory Science	31	1	32	26	16	19
Medicine						
Nursing	47	11	58	57	35	43
Pharmacy and Pharmaceutical Sciences	109	3	112	92	79	105
Physical Education	135	15	150	198	196	162
Rehabilitation Medicine	36	5	41	95	72	68
Science	932	98	1,030	804	692	357
<b>Total</b>	<u>3,584</u>	<u>507</u>	<u>4,091</u>	<u>3,970</u>	<u>4,163</u>	<u>3,237</u>
<b>Graduate Studies</b>						
Masters candidates						
Doctoral candidates						
<b>Total</b>						
<b>Total 1977-78</b>	<u>3,584</u>	<u>501</u>	<u>4,091</u>	<u>3,970</u>	<u>4,163</u>	<u>3,237</u>
<b>Total 1976-77</b>	<u>3,842</u>	<u>550</u>	<u>4,392</u>	<u>4,312</u>	<u>4,211</u>	<u>3,066</u>

(a) Numbers of freshmen cannot be accurately calculated and are, therefore, a close estimate.

(b) Figures include 358 students in B.Ed. after degree program, 27 in Diploma in Education program, 3 in Professional Diploma after degree program, 132 in Post-basic Program, and 1 in Advanced Practical Obstetrics Program in 1977-78.

(c) Figures include 310 Post-graduate Medical Education program students.

Other (b)	Profes- sional years	Total		Total	Total
		Male	Female	1977-78	1976-77
		582	189	771	862
		1,339	1,425	2,764	2,781
		1,127	406	1,533	1,765
		49	118	167	148
			73	73	72
	201	176	25	201	194
388		1,196	2,835	4,031	4,200
		1,551	69	1,620	1,588
		1	350	351	328
	503	378	125	503	476
		13	80	93	95
	775(c)	596	179	775	769
133		4	322	326	301
		129	259	388	396
		376	330	706	702
		20	256	276	282
		1,972	911	2,883	2,992
521	1,479	9,509	7,952	17,461	17,951
		905	484	1,389	1,395
		493	148	641	673
		1,398	632	2,030	2,068
521	1,479	10,907	8,584	19,491	
531	1,439	11,469	8,550		20,019

**Table 9. Enrolment of part-time students, 1977-78**

<i>Faculty or School</i>	<i>Undergraduate students</i>			
	<i>Day</i>	<i>Evening</i>	<i>Spring</i>	<i>Summer</i>
Agriculture and Forestry	59	1	28	28
Arts	773	40	478	386
Business Administration and Commerce	194		399	274
Faculte Saint-Jean	19	3	23	17
Dental Hygiene	1			
Dentistry			3	
Education	1,013	354	1,812	1,822
Engineering	70		103	26
Home Economics	44	11	78	58
Law	3			
Library Science				
Medical Laboratory Science	5		4	2
Medicine	12			1
Nursing	164	4	153	40
Pharmacy and Pharmaceutical Sciences	5		16	17
Physical Education	32	3	100	64
Rehabilitation Medicine	45	26	55	51
Science	273	8	313	312
Total 1977-78	<u>2,712</u>	<u>450</u>	<u>3,565</u>	<u>3,098</u>
Total 1976-77	<u>2,685</u>	<u>509</u>	<u>3,292</u>	<u>3,208</u>



Graduate				Total		Total	Total
Day	Evening	Spring	Summer	Male	Female	1977-78	1976-77
31		3	8	126	32	158	151
197		24	16	728	1,186	1,914	1,898
106		47	8	958	70	1,028	1,093
				13	49	62	56
				0	1	1	
1		1		5	0	5	4
301	12	169	254	1,727	4,010	5,737	5,539
48		3	4	245	9	254	274
15		4	2	0	212	212	178
3				6	0	6	10
18				0	18	18	1
				2	9	11	7
20		1	3	21	16	37	34
				5	356	361	513
3				10	31	41	18
26		16	19	133	127	260	272
				12	165	177	97
82		1	4	628	365	993	1,007
851	12	269	318	4,619	6,656	11,275	
858	13	282	305	4,708	6,444		11,152

**Table 10. Enrolment of full-time graduate students, 1977-78**

*The University of Alberta*

Program	Masters Candidates	Doctoral Candidates	Total		Total 1977-78	Total 1976-77
			Male	Female		
Agriculture and Forestry	117	44	133	28	161	151
Arts	316	169	289	196	485	480
Business Administration and Commerce	110		88	22	110	107
Dentistry	3		3	0	3	1
Education	236	114	196	154	350	378
Engineering	120	39	156	3	159	149
Home Economics	20		5	15	20	29
Law	5		5	0	5	9
Library Science	61		12	49	61	30
Medicine	65	35	65	35	100	102
Nursing	4		0	4	4	2
Pharmacy and Pharmaceutical Sciences	7	6	10	3	13	14
Physical Education	42	34	46	30	76	67
Science	283	200	390	93	483	549
Total 1977-78	1,389	601	1,398	632	2,030	
Total 1976-77	1,395	673	1,463	605		2,068

**Table 11. Enrolment, 1968-69 to 1977-78**

*The University of Alberta*

Year	Full-time students			Part-time students			Total Enrolment
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	
1968-69	13,383	1,799	15,182	6,106	794	6,900	22,082
1969-70	15,266	2,088	17,354	6,586	853	7,439	24,793
1970-71	16,187	2,158	18,345	7,416	1,090	8,506	26,851
1971-72	16,152	2,091	18,243	7,394	1,112	8,506	26,749
1972-73	15,753	2,004	17,757	8,184	1,169	9,353	27,110
1973-74	16,657	1,867	18,524	8,533	1,289	9,822	28,346
1974-75	17,305	1,850	19,155	8,763	1,377	10,140	29,295
1975-76	17,824	1,912	19,736	9,524	1,429	10,953	30,689
1976-77	17,951	2,068	20,019	9,694	1,458	11,152	31,171
1977-78	17,461	2,030	19,491	9,825	1,450	11,275	30,766

**Table 12. Full-time enrolment  
by level of program and by Faculty,  
1976-77 and 1977-78**

*The University of Alberta*

Faculty	Undergraduate students		Graduate students		Total	
	1977-78	1976-77	1977-78	1976-77	1977-78	1976-77
Agriculture and Forestry	771	862	161	151	932	1,013
Arts	2,764	2,781	485	480	3,249	3,261
Business Administration and Commerce	1,533	1,765	110	107	1,643	1,872
Faculte Saint-Jean	167	148			167	148
Dental Hygiene	73	72			73	72
Dentistry	201	194	3	1	204	195
Education	4,031	4,200	350	378	4,381	4,578
Engineering	1,620	1,588	159	149	1,779	1,737
Home Economics	351	328	20	29	371	357
Law	503	476	5	9	508	485
Library Science			61	30	61	30
Medical Laboratory Science	93	95			93	95
Medicine	775	769	100	102	875	871
Nursing	326	301	4	2	330	303
Pharmacy and Pharmaceutical Sciences	388	396	13	14	401	410
Physical Education	706	702	76	67	782	769
Rehabilitation Medicine	276	282			276	282
Science	2,883	2,992	483	549	3,366	3,541
Total	<u>17,461</u>	<u>17,951</u>	<u>2,030</u>	<u>2,068</u>	<u>19,491</u>	<u>20,019</u>



**Table 13. Enrolment of full-time students  
by home address, 1977-78**

Home	Freshmen		Other undergraduates	
	Number	Percent	Number	Percent
<b>From Alberta by Census Division*</b>				
1. Medicine Hat	42	.8	103	.8
2. Lethbridge	121	2.4	289	2.4
3. Cardston	31	.6	52	.4
4. Hanna	12	.2	16	.1
5. Drumheller	7	.1	25	.2
6. Calgary	422	8.3	900	7.3
7. Wainwright	47	.9	149	1.2
8. Red Deer	129	2.5	384	3.1
9. Mountain	13	.3	48	.4
10. Camrose	112	2.2	411	3.3
11. Edmonton	3,312	65.7	7,927	64.2
12. Bonnyville	108	2.1	181	1.5
13. Athabasca	70	1.4	184	1.5
14. Edson	28	.5	62	.5
15. Peace River	86	1.7	367	3.0
Total from Alberta	4,537	88.7	11,098	89.9
<b>From other parts of Canada:</b>				
Other western provinces	301	5.9	589	4.8
Eastern provinces	111	2.2	261	2.1
Total from other provinces	412	8.1	850	6.9
Total from Canada	4,949	96.8	11,948	96.8
<b>From other countries:</b>				
United States	20	.4	18	.1
Commonwealth countries	108	2.1	320	2.6
Other countries	38	.7	60	.5
Total from other countries	166	3.2	398	3.2
<b>Total</b>	<u>5,115</u>	<u>100.0</u>	<u>12,346</u>	<u>100.0</u>

\*The census divisions do not actually have names. The names have been added to give the reader a general idea of where the census division is; the name is usually that of the major city or town within the division.

<i>Graduates</i>		<i>Total</i>	
<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
9	.4	154	.8
12	.6	422	2.2
2	.1	85	.4
		28	.1
1	.1	33	.2
50	2.5	1,372	7.1
6	.3	202	1.0
16	.8	526	2.7
4	.2	65	.3
10	.5	533	2.7
1,067	52.6	12,306	63.2
7	.3	296	1.5
9	.4	263	1.4
2	.1	92	.5
13	.6	466	2.4
<u>1,208</u>	<u>59.5</u>	<u>16,843</u>	<u>86.5</u>
152	7.5	1,042	5.4
<u>285</u>	<u>14.0</u>	<u>657</u>	<u>3.2</u>
437	21.5	1,699	8.6
<u>1,645</u>	<u>81.0</u>	<u>18,542</u>	<u>95.1</u>
86	4.2	124	.6
166	8.2	594	3.1
<u>133</u>	<u>6.6</u>	<u>231</u>	<u>1.2</u>
<u>385</u>	<u>19.0</u>	<u>949</u>	<u>4.9</u>
<u><u>2,030</u></u>	<u><u>100.0</u></u>	<u><u>19,491</u></u>	<u><u>100.0</u></u>

**Table 14. Degrees and Diplomas awarded**

	<i>Fall</i> 1977	<i>Spring</i> 1978	<i>Total</i> 1977-78	<i>Total</i> 1976-77
<b>Degrees awarded</b>				
B.A.	145	491	636	661
B.A., Recreational Administration	4	33	37	60
B.Com.	68	345	413	347
B.Ed.	522	813	1,335	1,205
B.Ed., Industrial Arts	2		2	1
B.Ed., Vocational Education	6	2	8	12
B.F.A.	4	20	24	27
B. Medical Science	1	76	77	72
B.Mus.	3	26	29	29
B.O.T.	3	15	18	12
B.P.E.	17	74	91	108
B.P.T.	7	53	60	56
B.Sc.	113	533	646	610
B.Sc., Agriculture	7	101	108	106
B.Sc., Chemical Engineering	2	44	46	34
B.Sc., Civil Engineering	8	90	98	95
B.Sc., Electrical Engineering	5	42	47	50
B.Sc., Food Science		13	13	9
B.Sc., Forestry	4	65	69	76
B.Sc., Home Economics	13	78	91	81
B.Sc., Mechanical Engineering	3	60	63	66
B.Sc., Medical Laboratory Science	1	19	20	20
B.Sc., Metallurgical Engineering	1	1	2	11
B.Sc., Mineral Engineering		1	1	3
B.Sc., Mining Engineering		5	5	5
B.Sc., Nursing	43	92	135	95
B.Sc., Petroleum Engineering		7	7	2
B.Sc., Pharmacy	2	94	96	92
B.Sc., Speech Pathology and Audiology		22	22	23
D.D.S.		51	51	39
LL.B.	7	156	163	142
LL.M.	3		3	4
M.Ag.	1	2	3	1
M.A.	44	44	88	79
M.B.A.	18	29	47	50
M.D.	1	110	111	113
M.Ed.	90	49	139	132
M.Eng.	8	5	13	14
M.L.S.(a)		26	26	
M.F.A.		1	1	2
M.H.S.A.	3	4	7	6
M.Mus.	4	4	8	6
M.Sc.	101	63	164	164
M.V.A.		3	3	7
Ph.D., Agriculture	7	5	12	11
Ph.D., Arts	13	11	24	40
Ph.D., Education	26	15	41	50
Ph.D., Engineering	5	2	7	8
Ph.D., Medicine	2	4	6	4
Ph.D., Pharmacy		3	3	1
Ph.D., Physical Education	10	2	12	11
Ph.D., Science	16	11	27	33
<b>Total</b>	<b>1,343</b>	<b>3,815</b>	<b>5,158</b>	<b>4,885</b>



	<i>Fall 1977</i>	<i>Spring 1978</i>	<i>Total 1977-78</i>	<i>Total 1976-77</i>
<b>Certificates and Diplomas awarded:</b>				
Arts — Special Certificate		36	36	
Dental Hygiene — Diploma		32	32	31
Dentistry — Postgraduate Diploma	1		1	
Education				
— Diploma	63	50	113	138
— P.D./A.D.	4		4	85
Nursing				
— A.P.O. Certificate		11	11	10
— Diploma (U. of A. Hospital)				42
Rehabilitation Medicine				
— Occupational Therapy	1	11	12	15
— Physical Therapy	32	1	33	2
<b>Total</b>	<u>101</u>	<u>141</u>	<u>242</u>	<u>323</u>
<b>Total Certificates, Degrees and Diplomas awarded</b>	<u>1,444</u>	<u>3,956</u>	<u>5,400</u>	<u>5,208</u>

*(a) Library Science now included in Graduate Studies.*

**Table 15. Courses taught**

	1977-78		1976-77	
	First Term	Second Term	First Term	Second Term
Winter Session				
Lower Level	258	252	262	250
Upper Level	1,249	1,296	1,218	1,276
Total Undergraduate	1,507	1,548	1,480	1,526
Graduate	662	694	662	691
Total	2,169	2,242	2,142	2,217
Evening Credit		79		74
Extension		723		478
Spring Session		249		222
Summer Session		237		246

*Approximately 80 percent of the courses taught are term courses: subsequently this table reflects the number of courses taught in each term rather than a full year equivalent. Since the Faculty of Medicine offers courses on a three-phase program of study these have been excluded from this table.*

**Table 16. Number of faculty members in Faculties, on or about 1 December 1977**

Faculty (excluding Extension)	Permanent full-time faculty on campus (a)					Total
	Deans	Professors	Associate Professors	Assistant Professors	Lecturers	
Agriculture and Forestry	1	39	20	15		75
Arts	1	107	143	76	2	329
Business Administration and Commerce	1	13	23	5		42
Faculte Saint-Jean	1		10	4		15
Dentistry	1	16	11	3	2	33
Education	1	69	55	26		151
Engineering	1	54	28	5		88
Graduate Studies and Research	1	1				2
Home Economics	1	4	12	3		20
Interdisciplinary Studies	1	4	1	2		8
Law	1	11	7	5		24
Library Science	1	1	6	1		9
Medicine	1	67	43	28	8	147
Nursing	1	1	8	8	3	21
Pharmacy and Pharmaceutical Sciences	1	6	6	3		16
Physical Education	1	13	22	9	1	46
Rehabilitation Medicine	1	2	7	9		19
Science	1	113	99	36		249
Total December 1977	18	521	501	238	16	1,294
Total December 1976	18	461	514	250	21	1,264

## *The University of Alberta*

<i>Full-time temporary faculty</i>	<i>Total full-time faculty on campus</i>	<i>Permanent full-time faculty on leave</i>	<i>Part-time faculty</i>		
			<i>Graduate Assistants</i>	<i>Lecturers, Instructors</i>	<i>Total part-time</i>
3	78	11	79	3	82
75	404	52	308	78	386
11	53	8	26	24	50
2	17	2	1	9	10
2	35	4	4	90	94
18	169	18	214	47	261
2	89	10	113	16	129
	2				
6	26	3	13	7	20
5	13	1	15	1	16
	24	1	2	16	18
	9		6	1	7
16	163	12	51	466	517
6	27	4	1	11	12
3	19	2	10	3	13
3	49	5	47	8	55
2	21	2		3	3
24	273	27	317	35	352
178	1,472	162	1,207	818	2,025
188	1,451	159	1,181	799	1,980

(a) *Administrative/Professional Officers, Faculty Service Officers, and others are not included; there were 109 such staff members in faculties.*

*This table records faculty paid from University funds only. There are, in addition, those faculty members who are paid from non-University funds such as research grants.*



**Table 17. Comparative analysis  
of faculty and staff, 1973-74  
to 1977-78 on or about  
1 December each year**

*The University of Alberta*

Category	1977-78	1976-77	1975-76	1974-75	1973-74
<b>Full-time faculty and staff</b>					
In Faculties:					
Permanent faculty on campus	1,294	1,263	1,215	1,229	1,209
Temporary faculty	178	188	200	167	149
Sub-total, faculty on campus	1,472	1,451	1,415	1,396	1,358
Administrative and Professional Officers and Faculty Service Officers	109	97	81	75	67
Non-academic staff	1,075	1,108	1,076	1,036	1,022
Total in faculties	2,656	2,656	2,572	2,507	2,447
In Libraries:					
Professional Librarians	74	76	74	78	78
Non-academic staff	280	283	283	266	264
Total in libraries	354	359	357	344	342
In other departments:					
Academic staff	144	137	139	142	146
Non-academic staff	1,519	1,438	1,371	1,312	1,381
Total in other departments	1,663	1,575	1,510	1,454	1,527
Total full-time faculty and staff on campus	4,673	4,590	4,439	4,305	4,316
<b>Full-time faculty and staff on leave</b>	164	162	158	119	107
<b>Part-time faculty and staff</b>					
In Faculties:					
Part-time faculty	2,025	1,980	1,972	2,048	2,121
Non-academic staff	122	108	34	45	149
Total in faculties	2,147	2,088	2,006	2,093	2,270
In Libraries and other departments:					
Part-time academic staff	21	23	21	21	22
Non-academic staff	591	562	557	538	469
Total in Libraries and other departments	612	585	578	559	489
Total part-time faculty and staff	2,759	2,673	2,584	2,652	2,759
<b>Total persons employed by the University</b>	7,596	7,425	7,181	7,076	7,182
<b>Faculty and staff employed on Trust Accounts</b>	777	752	844	884	750

Full-time faculty turnover	1977-78	1976-77	1975-76	1974-75	1973-74
Number appointed	76	90	110	66	40
Number retired	9	7	12	9	12
Number resigned	25	30	61	48	40
Number died		6	4	4	2
Net increase in full-time faculty	42	47	33	5	(14)

Full-time faculty annual salary schedule, by rank	1977-78		1976-77	
	Minimum	Maximum	Minimum	Maximum
Professor	\$30,134		\$28,360	
Associate Professor	22,889	\$33,032	21,542	\$31,087
Assistant Professor	17,625	22,888	16,587	21,542
Lecturer	13,791	17,624	12,981	16,586
Mean full-time faculty salaries		\$30,871		\$28,600

Table 19. Library data for the year ending  
31 March 1978

The Collection	1977-78	1976-77
Volumes in Collection at end of year (a)	1,871,190	1,783,096
Volumes acquired during the year (a)	88,094	96,375
Periodical and newspaper titles	15,169	15,010
Value of acquisitions acquired during year:		
Books	\$1,399,921	\$1,394,616
Periodicals	766,684	623,023
Binding	165,688	167,573
	\$2,332,293	\$2,185,212
Volumes circulated during year (b)	1,022,736	1,037,584
Number of Staff (c)		
Professional staff	79.5	78.0
Support staff	289.7	282.0
Casual (d)	30.0	29.0

(a) Volume refers to accessioned physical volumes, books or bound periodicals.

(b) Figures supplied are for all items circulated through the manual and automated circulation systems.

(c) Approved positions.

(d) Full-time equivalent.



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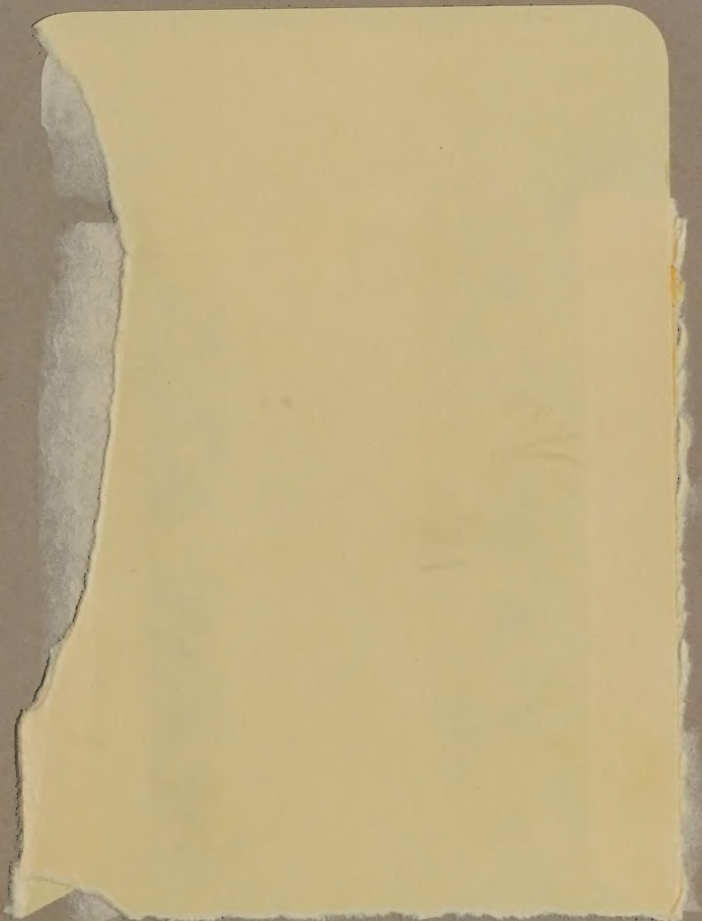
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